

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	5	("4515569"   "5667705"   "6034810"   "6144350"   "6259422").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/07 13:59
L3	1	((increas\$4 linear\$4 higher\$4) near3 (voltage\$4) with anod \$3) and (current\$4 near4 (maximum\$4 high\$4 great\$4) near4 (detect\$4 determin\$4 sens\$4 analyz\$4 calculat\$4 measur\$4)) and (vacuum\$3 near2 (ultrahigh)) and (magnetic near3 field \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 14:07
L4	0	((voltage\$4) near4 anod\$3) same (current \$4 near4 (maximum\$4 high\$4 great\$4) near4 (detect\$4 determin\$4 sens\$4 analyz\$4 calculat\$4 measur\$4)) and (vacuum\$3 near2 (ultrahigh))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 14:09
L5	1	((voltage\$4) near4 anod\$3) same (vacuum \$3 near2 (ultrahigh))) and (current\$4 near4 (maximum\$4 high\$4 great\$4) near4 (detect \$4 determin\$4 sens\$4 analyz\$4 calculat\$4 measur\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 14:15
L6	1	10/590117	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 14:22

L7	11651	(VESEL near2 ALENKA).in. " (vacuum\$3 near3 (pressur\$4 ultrahigh)) and (magnetic near3 field\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 14:31
L8	1	(VESEL near2 ALENKA).in. and (vacuum\$3 near3 (pressur\$4 ultrahigh)) and (magnetic near3 field\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 14:32
L10	1	(MOZETIC near2 MIRAN).in. and (vacuum\$3 near3 (pressur\$4 ultrahigh)) and (magnetic near3 field\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 14:33
L13	0	(INSTITUT).as. and (vacuum\$3 near3 (pressur\$4 ultrahigh)) and (magnetic near3 field\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 14:37
L14	0	((increas\$4 linear\$4 higher\$4) near3 (voltage\$4) with anod\$3) and (current\$4 near4 (maximum\$4 high\$4 great\$4) with (detect\$4 determin\$4 sens\$4 analyz\$4 calculat\$4 measur\$4)).clm. and (vacuum\$3 near3 (pressur\$4 ultrahigh)).clm. and (magnetic near3 field\$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 14:39
L16	0	((increas\$4 linear\$4 higher\$4) near3 (voltage\$4) with anod\$3).clm. and (current\$4 near4 (maximum\$4 high\$4 great\$4) near4 (detect\$4 determin\$4 sens\$4 analyz\$4 calculat\$4 measur\$4)).clm. and (vacuum\$3 near2 (ultrahigh)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 14:42

L18	0	((voltage\$4) near4 anod\$3) same (vacuum\$3 near2 (ultrahigh))). clm. and (current\$4 near4 (maximum\$4 high\$4 great\$4) near4 (detect\$4 determin\$4 sens\$4 analyz\$4 calculat\$4 measur\$4)). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 14:42
S1	332	(vacuum) and ((max maximum peak highest greatest) near3 ion near3 current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/13 19:22
S2	263	S1 and pressur\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/13 19:23
S3	28	(vacuum) and ((max maximum peak highest greatest) near3 (ion ionization) near3 current with (maintain\$3 constant\$3 continuous\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/13 19:27
S4	36	(vacuum near3 cathode near3 pressur\$4) and (pressur\$4 with voltage\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 14:27
S5	11	("20040095705"   "20040189314"   "20060012373"   "3582710"   "4440995"   "4862032"   "4967157"   "5278510"   "6566884"   "6590375"   "6960283").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/14 14:40
S6	26	((cold near3 cathode) with (pressure) with vacuum\$3) and (voltage near3 control\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 15:31

S7	5	S6 and (voltage near4 range)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 15:38
S8	2	S7 and (voltage with calibrat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 15:50
S9	2	S7 and (pressure with calibrat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 15:52
S10	6	(vacuum near3 cathode near3 pressur \$4) and (voltage with calibrat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 15:52
S11	161	324/460.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 16:21
S12	13	S11 and (voltage with calibrat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 16:44
S13	1	S11 and ((max maximum peak highest greatest optim\$2) near3 ion near3 current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 17:02
S14	9	S11 and ((max maximum peak highest greatest optim\$2) near3 current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 17:02

S15	0	S11 and ((max maximum peak highest greatest optim\$2) near3 (storag\$4 memory RAM ROM processor\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 17:24
S16	4	324/459-470.ccls. and (magnetron near3 pressure near3 gaug \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 17:26
S17	5	324/459-470.ccls. and (penning near3 pressure near3 gaug \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 17:35
S18	27	324/459-470.ccls. and (penning near3 gaug \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/14 17:37
S19	1	"5971745".pn.	USPAT	OR	OFF	2008/06/16 13:28
S20	11	324/459-470.ccls. and (inverted near3 magnetron)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 18:21
S21	17	("3051868" "4000457" "4866640" "5198772" "5278510" "5568053").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/16 19:01
S22	6	("3051868" "4000457" "4866640" "5198772" "5278510" "5568053").pn.	USPAT	OR	OFF	2008/06/16 19:02
S23	3	("4409482").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/12 11:55
S24	1	("4409482").pn.	USPAT	OR	OFF	2009/05/12 11:55

S25	1	"7265554".pn.	USPAT	OR	OFF	2009/05/12 13:58
S26	11	("20040222816"   "20070046316"   "4983911"   "5081687"   "5465052"   "5852480"   "5999012"   "6392719"   "6781403"   "6801265"   "7038484").PN.	US-PGPUB; USPAT	OR	OFF	2009/11/30 14:22
S27	7	("20030042921"   "20030059730"   "20060012373"   "3872377"   "4409482"   "4967157"   "7098667").PN.	US-PGPUB; USPAT	OR	OFF	2009/11/30 14:31
S28	132	324/ 463.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 14:44
S29	1	10/590117	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 14:50
S30	174	324/ 460.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 14:56
S31	1	324/ 459-470.ccls. and 324/ 601.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 15:07
S32	0	("6967485").URPN.	USPAT	OR	OFF	2009/11/30 15:11

S33	18	("20020171819"   "20020179846"   "20030071629"   "20030146082"   "5115668"   "5393979"   "5528288"   "5561344"   "5703489"   "5773833"   "6225633"   "6262542"   "6313638"   "6320388"   "6333632"   "6469303"   "6509562"   "6661233").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/30 15:11
S34	0	324/601.ccls. and (cold near3 cathode near3 pressure near5 (gauge \$3 vacuum\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/30 15:38
S35	0	324/601.ccls. and (cathode near3 pressure near5 (gauge \$3 vacuum\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 15:39
S36	2	324/601.ccls. and (voltage near5 (anode \$4) with (highest\$4 maximum largest\$4 max))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 15:40
S37	23	("3382389"   "3872377"   "4000457"   "4047102"   "4423355"   "5568053"   "6351131").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 15:44
S38	7	("3382389"   "3872377"   "4000457"   "4047102"   "4423355"   "5568053"   "6351131").PN.	US-PGPUB; USPAT	OR	OFF	2009/11/30 15:45
S39	7	("4000457").URPN.	USPAT	OR	OFF	2009/11/30 15:47
S40	0	("7173430").URPN.	USPAT	OR	OFF	2009/11/30 15:49
S41	1	10/590117 and (stor\$4 near3 voltag\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 16:06

S42	6	((cathod\$4 near3 pressur\$4) near5 (gaug \$4 vacuum\$4)) and ((determin\$4 detect\$4 measur\$4 sens\$4 analyz\$4) near3 (anod \$3) near3 current\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 16:56
S43	55	("3924078"   "3973197"   "4081756"   "4534060"   "4937670"   "4985902"   "5321559"   "5631592"   "5677522"   "5873054"   "5920438"   "5930231"   "5942920"   "5966262"   "6011762"   "6081768"   "6100829"   "6125154"   "6151354"   "6215335"   "6242900"   "6275259"   "6404926"   "6424900"   "6763123").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 17:26
S44	25	("3924078"   "3973197"   "4081756"   "4534060"   "4937670"   "4985902"   "5321559"   "5631592"   "5677522"   "5873054"   "5920438"   "5930231"   "5942920"   "5966262"   "6011762"   "6081768"   "6100829"   "6125154"   "6151354"   "6215335"   "6242900"   "6275259"   "6404926"   "6424900"   "6763123").PN.	US-PGPUB; USPAT	OR	OFF	2009/11/30 17:26
S45	3	10/335088	US-PGPUB; USPAT	OR	OFF	2009/11/30 17:27
S46	3	("6701789" "6870358" "4409482").pn.	USPAT	OR	OFF	2010/06/07 10:57
S47	0	("6701789").URPN.	USPAT	OR	OFF	2010/06/07 11:37
S48	2	("2733857").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/07 11:37
S49	5	("4409482").URPN.	USPAT	OR	OFF	2010/06/07 11:41



S50	7	("4000457").URPN.	USPAT	OR	OFF	2010/06/07 11:57
S51	3	324/459-470.ccls. and ((increas\$4 linear\$4 higher\$4) near3 (voltage\$4) with anod \$3) and (current\$4 near4 (maximum\$4 high\$4 great\$4))	USPAT	OR	OFF	2010/06/07 12:01
S52	9	324/459-470.ccls. and ((increas\$4 linear\$4 higher\$4) near3 (voltage\$4) with anod \$3) and (current\$4 near4 (maximum\$4 high\$4 great\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 12:01
S53	0	("7173430").URPN.	USPAT	OR	OFF	2010/06/07 12:03
S54	8	("3382389"   "3872377"   "4000457"   "4047102"   "4423355"   "5568053"   "6351131").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/07 12:03
S55	5	("3872377").URPN.	USPAT	OR	OFF	2010/06/07 12:08
S56	8	("3382389"   "3872377"   "4000457"   "4047102"   "4423355"   "5568053"   "6351131").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/07 12:09
S57	28	((increas\$4 linear\$4 higher\$4) near3 (voltage\$4) with anod \$3) and (current\$4 near4 (maximum\$4 high\$4 great\$4) with (detect\$4 determin\$4 sens\$4 analyz\$4 calculat\$4 measur\$4)) and (vacuum\$3 near3 (pressur\$4 ultrahigh)) and (magnetic near3 field\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/07 12:15
S58	0	("6958739").URPN.	USPAT	OR	OFF	2010/06/07 12:26
S59	5	("4515569"   "5667705"   "6034810"   "6144350"   "6259422").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/07 12:26

**EAST Search History (I nterference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	0	(VESEL near2 ALENKA).in. and (vacuum\$3 near3 (pressur\$4 ultrahigh)) and (magnetic near3 field\$4)	UPAD	OR	OFF	2010/06/07 14:32
L11	0	(MOZETIC near2 MIRAN).in. and (vacuum\$3 near3 (pressur\$4 ultrahigh)) and (magnetic near3 field\$4)	UPAD	OR	OFF	2010/06/07 14:36
L12	0	(INSTITUT).as. and (vacuum \$3 near3 (pressur\$4 ultrahigh)) and (magnetic near3 field\$4)	UPAD	OR	OFF	2010/06/07 14:37
L15	0	((increas\$4 linear\$4 higher \$4) near3 (voltage\$4) with anod\$3) and (current\$4 near4 (maximum\$4 high\$4 great\$4) with (detect\$4 determin\$4 sens\$4 analyz\$4 calculat\$4 measur\$4)).clm. and (vacuum\$3 near3 (pressur\$4 ultrahigh)).clm. and (magnetic near3 field\$4). clm.	UPAD	OR	OFF	2010/06/07 14:40
L17	0	((increas\$4 linear\$4 higher \$4) near3 (voltage\$4) with anod\$3).clm. and (current\$4 near4 (maximum\$4 high\$4 great\$4) near4 (detect\$4 determin\$4 sens\$4 analyz\$4 calculat\$4 measur\$4)).clm. and (vacuum\$3 near2 (ultrahigh)).clm.	UPAD	OR	OFF	2010/06/07 14:42
L19	0	((((voltage\$4) near4 anod\$3) same (vacuum\$3 near2 (ultrahigh))).clm. and (current\$4 near4 (maximum \$4 high\$4 great\$4) near4 (detect\$4 determin\$4 sens \$4 analyz\$4 calculat\$4 measur\$4)).clm.	UPAD	OR	OFF	2010/06/07 14:42

**6 / 7 / 10 2:43:48 PM****C:\ Documents and Settings\ jnatalini\ My Documents\ EAST\ Workspaces\ 10590117.wsp**